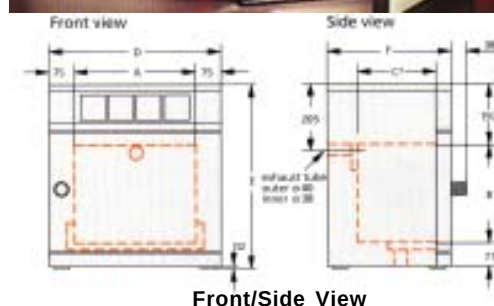


Universal Oven



For simple thermostating and drying applications, usually at a single temperature, Class M Universal Ovens and Sterilisers provide both low-cost and unrivalled functionally reliable basic technology.

For time- and energy-saving thermostating the Class E Ovens with microprocessor control provide ideal conditions.

Technical Specifications

	Model sizes	100	200	300	400	500	600	700	800
<u>Stainless steel interior</u>									
Volume	Approx. L	14	32	39	53	108	256	416	749
Width (clear dimensions)	(A) mm	320	400	480	400	560	800	1040	1040
Height (clear dimensions)	(B) mm	240	320	320	400	480	640	800	1200
Depth (see side view above)	(C) mm	175	250	250	330	400	500	500	600
Max./standard shelves	number	2/1	3/1	3/1	4/2	5/2	7/2	9/2	14/2
<u>Stainless steel exterior</u>									
Width	(D) mm	470	550	630	550	710	950	1190	1190
Height (size 800 with castors)	(E) mm	520	600	600	680	760	920	1080	1620
Depth (without door handle, door handle 38 mm)	(F) mm	325	400	400	480	550	650	650	750

Class	Universal Ovens	Incubators	Sterilizers	100	200	300	400	500	600	700	800
	+30°C to +220°C (Surcharge option up to +300°C)	+30°C to +70°C	+30°C to +220°C Sizes 700+800 acc. to DIN/EN 61010-2-43 for steriliser with locking door (security look)								
<u>Mechanical Controller</u>											
Convection TWW (UM/SM 100;TB)	UM		SM	UM100 SM100	UM200 SM200	UM300 SM300	UM400 SM400	UM500			
Air turbine TWW	ULM		SLM				ULM400 SLM400	ULM500 SLM500			
Convection TWW, digital timer interface RS 232	UE	BE	SE		UE200 BE200 SE200	UE300 BE300 SE300	UE400 BE400 SE400	UE500 BE500	UE600 BE600	UE700 BE700	UE800 BE800
Air turbine TWW, digital timer interface RS 232	ULE		SLE				ULE400 SLE400	ULE500 SLE500	ULE600 SLE600	ULE700 SLE700	ULE800 SLE800

Universal Oven

<u>Ref. No</u>	<u>Model</u>
Mechanical Controller	
MM07 B001	UM100
MM07 B002	UM200
MM07 B003	UM300
MM07 B004	UM400
MM07 B005	UM500
MM07 B006	ULM400
MM07 B007	ULM500
Electronic Controller	
MM07 B008	UE200
MM07 B009	UE300
MM07 B010	UE400
MM07 B011	UE500
MM07 B012	UE600
MM07 B013	UE700
MM07 B014	UE800
MM07 B015	ULE400
MM07 B016	ULE500
MM07 B017	ULE600
MM07 B018	ULE700
MM07 B019	ULE800

Incubators

<u>Ref. No</u>	<u>Model</u>
Electronic Controller	
MM07 B020	BE200
MM07 B021	BE300
MM07 B022	BE400
MM07 B023	BE500
MM07 B024	BE600
MM07 B025	BE700
MM07 B026	BE800

Sterillisers

<u>Ref. No</u>	<u>Model</u>
Mechanical Controller	
MM07 B027	SM100
MM07 B028	SM200
MM07 B029	SM300
MM07 B030	SM400
MM07 B031	SLM400
MM07 B032	SLM500
Electronic Controller	
MM07 B033	SE200
MM07 B034	SE300
MM07 B035	SE400
MM07 B036	SLE400
MM07 B037	SLE500
MM07 B038	SLE600
MM07 B039	SLE700
MM07 B040	SLE800

Furnaces

General Purpose Chamber -CWF Furnaces



Unique concept for this furnace is the heating module - with one situated on either side of the chamber.

Features

- To suit a wide range of applications
- Maximum temperature of 1300°C
- Rapid heating versions
- Front and top loading
- Comprehensive safety features

Technical Specifications

Model: CWF		5 litre	13 litre	23 litre
Max. Temp(°C)		1100	1100	1100
		1200	1200	1200
		1300	1300	1300
Internal Dimensions (mm)¹				
	(H)	135	200	235
	(W)	140	200	240
	(D)	250	325	400
External Dimensions (mm)²				
	(H)	585	655	705
	(W)	375	435	505
	(D)	485	610	675
Nominal Heat up time (mins)³				
Model 1100°C		30	55	40
Model 1200°C		35	65	45
Model 1300°C		40	80	55
Temperature Sensor				
Model 1100°C		Type K thermocouple		
Model 1200°C		Type R thermocouple		
Model 1300°C		Type R thermocouple		

<u>Ref. No</u>	<u>Model</u>
CB07 C001	CWF-5 litre-1100°C
CB07 C002	CWF-5 litre-1200°C
CB07 C003	CWF-5 litre-1300°C
CB07 C004	CWF-13 litre-1100°C
CB07 C005	CWF-13 litre-1200°C
CB07 C006	CWF-13 litre-1300°C
CB07 C007	CWF-23 litre-1100°C
CB07 C008	CWF-23 litre-1200°C
CB07 C009	CWF-23 litre-1300°C

1. Measured at 100°C below maximum temperature, based on 240v supply, with empty chamber
2. All external measurements are taken with the door closed and include the chimney
3. To 100°C below maximum temperature with empty chamber

LABORATORY EQUIPMENT

Water / Oil Bath / Ultrasonic Cleaner

Water / Oil Bath



Water Bath

Ref. No	Model
MM07 D001	WB 7
MM07 D002	WB 10
MM07 D003	WB 14
MM07 D004	WB 22
MM07 D005	WB 29
MM07 D006	WB 45
MM07 D007	WBU 45

Oil Bath

Ref. No	Model
MM07 D008	OB 7
MM07 D009	OB 10
MM07 D010	OB 14
MM07 D011	OB 22
MM07 D012	OB 29
MM07 D013	OB 45

Technical Specifications

			7	10	14	22	29	45
Stainless steel container								
Capacity	Litres approx.		7	10	14	22	29	45
Length	(A)mm		240	350	350	350	590	590
Width	(B)mm		210	210	290	290	350	350
Height	(C)mm		140	140	140	220	140	220
Stainless steel casing								
Length	(D)mm		468	578	578	578	818	818
Width	(E)mm		356	356	436	436	516	516
Height (flat cover)	(F)mm		238	238	238	296	238	296
Height (gable cover)	(G)mm		337	337	347	405	343	401
Water baths	WB ¹	Order No.	WB 7	WB 10	WB 14	WB 22	WB 29	WB 45
	WBU ²	Order No.	-	-	-	-	-	WBU 45
Oil baths	OB ³	Order No.	OB 7	OB 10	OB 14	OB 22	OB 29	OB 45

Note

- 1 : Water bath with control range from +10°C to +95°C and add. boiling stage
- 2 : Water bath with circulation pump with control range from +10°C to +95°C
- 3 : Oil bath with control range from +20°C to +200°C

Cool Water Recirculators



These units are completely self-contained, consisting of hermetically sealed refrigeration compressor, a water tank, a water pump and an electronically automated control system for supply of constant cooling water at the required temperature, pressure and flow rate.

Benefit : Eliminate scaling.

Technical Specifications

Model	640D	640DX	680D	680DX
Cooling capacity (Kcal/h)	5274		9376	
(BTU/h)	18000		32000	
Compressor motor(KW)	1.12		1.86	
(HP)	1.50		2.50	
Bath capacity	50 litres			
Compressor type	Fully hermetic			
Temperature control range	5 to 25°C			
Chilled water flow rate L/M	50 litres/minute			
Water pressure	35 psi	145 psi	35 psi	145 psi
Pipe size (inlet/outlet)	25/25mm			
Safety device	HIGH & LOW PRESSURE SWITCH, THERMAL OVERLOAD FOR COMPRESSOR			

Ref. No	Model
PT07 E001	640D
PT07 E002	640DX
PT07 E003	680D
PT07 E004	680DX

Ultrasonic Cleaner



Baskets for Model 4020, 2010, 1505.
It includes a basket as a standard

Ref. No	Model
LC07 F005	4020
LC07 F006	2010
LC07 F007	1505
LC07 F008	1002

Technical Specifications

Model	4020	2010	1505	1002
Capacity	20L	10L	5.7L	2L
Temp. Range	0 - 50°C			-
Ultrasonic power	400W	200W	150W	100W
Tank size (WxDxH) mm	450x290x160	295x240x160	295x150x160	142x132x104

Stirrer / Hotplate

Magnetic Mini-Stirrers



Model : HI190M

Ref. No	Model
HN07 G001	HI 190M
HN07 G002	HI 190MB

Features

- Compact and lightweight
- An internal, electronic speed control device will limit the maximum speed to 1000 rpm, even if the load is suddenly removed
- ABS housing resists most harmful chemicals

Technical Specifications

Ref. No	HN07 G001	HN07 G002
Model	HI 190M	HI 190MB
Maximum stirring capacity		1 liter (0.26 gallons)
Speed range		100 rpm
Min.		1000 rpm
Max.		
Power supply	HI 190M/D: 220/240V, 50/60Hz	12 VDC
Cover Material	ABS plastic	ABS plastic
Dimensions	120×120×45 mm (4.8×4.8×1.8")	

Magnetic Stirrer / Hot Plate / Hot Plate Stirrer



Model : MS-170



Model : HP-160



Model : HPS-180

Features

- Aluminum top plate provides maximum heat transfer and temperature uniformity
- Perforated mild steel casing with baked enamel finish
- Supplied with a Teflon-coated stirring bar for stirrer model
- Large top plate surface of 290×430mm accommodated up to 20 kgs

Technical Specifications

Model	MS-170 Magnetic Stirrer	HP-160 Hot Plate	HPS-180 Hot Plate Stirrer	BIGTOP HP-3001 Hot Plate
Overall dimensions(mm)	280D×200W×105H	280D×200W×115H	280D×200W×115H	430W×290D×25H
Top plate material	Aluminium	Aluminium	Aluminium	Aluminium
Top plate dimensions	180×180	180×180	180×180	435W×340D×150H
Temperature control	-	Electronic	Electronic	Thermostatic
Maximum temperature	-	300°C	300°C	Ambient to 300°C
Stirrer speed	Up to 1300	-	Up to 1300	-
Electrical	240V AC, 50Hz			240V AC, 50Hz, 9amp

Ref. No	Model
PT07 G003	MS-170
PT07 G004	HP-160
PT07 G005	HP-3001
PT07 G006	HPS-180

Hotplate Stirrer



Ref. No	Model
FV07 G007	ST0707V2
FV07 G008	HP0707V2
FV07 G009	HS0707V2

Features

- Solid ceramic top plate
- is chemically resistant
- is easy to clean
- white colour of plate makes viewing colour contrasts easy
- Easy to operate with large and prominent control knobs
- Temperature controlled by efficient infinite energy regulator
- Precise and continuously adjustable temperature control
- Speed controlled by solid state electronic controller
- Smooth and continuously adjustable speed control
- Individual indicator lights to show heater or stirrer is in operation
- Protected by safety fuse

Technical Specifications

Model	ST0707V2 Magnetic Stirrer	HP0707V2 Hot Plate	HS0707V2 Hot Plate Stirrer
Plate dimensions	7" x 7"	7" x 7"	7" x 7"
Max. plate surface temperature	-	520°C	520°C
Speed range uploaded	100 to 1500 rpm	-	100 to 1500 rpm
Electrical supply requirement	230V, 50Hz, 57w	230V, 50Hz, 950w	230V, 50Hz, 1007w
Overall dimensions(mm)	220w×295L×115H	220w×295L×115H	220w×295L×115H

Overhead Stirrer - Motor



Model : RW 20.n

- RW 16 Basic** : Laboratory stirrer, especially suitable for schools, universities and inspection laboratories.
- Eurostar Digital** : Laboratory stirrer that can be used up to the "medium viscosity" range, with constant torque due to microprocessor control.
- RW 20.n** : For stirring tasks up to 20 liters (H₂O) with constant power drive. Two speed ranges for universal use from 60 – 2,000 1/min. Push-through stirring elements
- RW 20 DZM.n** : The same features as RW 20.n, but with integrated speed display

Technical Specifications

Model	Stirring quantity (H ₂ O) (ltr.)	Viscosity range (mPas)	Speed range (1/min)	Speed range II (1/min)
RW 16 Basic	10	10,000	40-1,200	-
Eurostar Digital	20	-	50-2,000	-
RW 20.n	20	10,000	60-500	240-2,000
RW 20 DZM.n	20	10,000	60-500	240-2,000

Ref. No
IK07 H001
IK07 H002
IK07 H003
IK07 H004

Model
RW 16 Basic
Eurostar Digital
RW 20.n
RW 20 DZM.n



Model : RW 20 DZM.n

Stirring Elements



Propeller stirrer, 4 bladed -

Standard stirring element. For drawing the material to be mixed from the top to the bottom. Local shearing forces. Generates axial flow in the vessel. Used at medium to high speeds.

Propeller stirrer, 3 bladed -

Flow-efficient design. For drawing the material to be mixed from the top and the bottom. Minimum shearing forces. Used at medium to high speeds.

Turbine stirrer -

For drawing the material to be mixed from above. Generates axial flow in the vessel. Minimum danger of injury when contact is made with vessel. Used at medium to high speeds.

Dissolver stirrer -

Radial flow, for drawing the material to be mixed from the top and the bottom. High turbulence, high shearing forces. Particle comminution. Used at medium to high speeds.

Centrifugal stirrer -

Two-bladed, blades open with increasing speed. For stirring in bulbous vessels with narrow necks. Effect is similar to that of a 4-bladed propeller stirrer. Medium to high speeds required.

Paddle stirrer -

Tangential flow, minimum turbulence, good heat exchange, gentle treatment of product. Used at low to medium speeds.

Anchor stirrer -

Tangential flow, high shearing rate at edges, minimum deposits on the vessel wall. Used at low speeds. Polymer reactions, even distribution of high mineral contents in liquids. The ideal stirrer for medium to highly viscous fluids.

Kneading stirrer -

Tangential flow with oscillating compacting between the kneading surfaces. Minimum deposits on vessel. Used at low speeds.

Screw-type stirrer -

When stirring in a clockwise direction (as viewed from above) the material to be stirred is drawn to the top. Used at low speeds.

Technical Specifications

Ref. No	Model	Stirrer- ϕ (mm)	Shaft- ϕ (mm)	Shaft length (mm)	Max. speed (1/min)	RW 16 Basic	Eurostar Digital	RW20.n, RW20 DZM.n
Propeller stirrer, 4 bladed								
IK07 AS01	R1342 (Material 1.4401)	50	8	350	2000	*	*	*
IK07 AS02	R1343	100	8	350	1000			
IK07 AS03	R1345	100	8	550	800			
IK07 AS04	R2305	150	13	550	1300			
IK07 AS05	R2302	150	13	800	600			
Propeller stirrer, 3 bladed								
IK07 AS06	R1381	45	8	350	2000	*	*	*
IK07 AS07	R1382	55	8	350	2000	*	*	*
IK07 AS08	R1385	140	10	550	800			
IK07 AS09	R1388	140	10	800	400			
IK07 AS10	R1389 (PTFE-coated)	75	8	350	800	*	*	*
Turbine stirrer								
IK07 AS11	R1311	30	8	350	2000	*	*	*
IK07 AS12	R1312	50	8	350	2000	*	*	*
IK07 AS13	R1313	70	10	400	800			
Dissolver stirrer								
IK07 AS14	R1300	80	8	350	2000		*	*
IK07 AS15	R1301	80	10	550	800			
IK07 AS16	R1302	100	10	350	1000			
IK07 AS17	R1303	42	8	350	2000	*	*	*
Centrifugal stirrer								
IK07 AS18	R1352	60/15	8	350	2000	*	*	*
IK07 AS19	R1355	100/24	8	550	800			
Paddle stirrer								
IK07 AS20	R1373	70	8	350	1000		*	*
IK07 AS21	R1375	70	8	550	800			
IK07 AS22	R1376	150	10	550	800			
IK07 AS23	R2311	150	13	800	600			
Anchor stirrer								
IK07 AS24	R1330	45	8	350	1000	*	*	*
IK07 AS25	R1331	90	8	350	1000			
IK07 AS26	R1332 (PTFE-coated)	60	8	350	800	*	*	*
IK07 AS27	R1333	150	10	550	800			
Kneading stirrer								
IK07 AS28	R1335	45	8	350	2000	*	*	*
IK07 AS29	R1336	90	8	350	1000			
Screw-type stirrer								
IK07 AS30	R1393	75	8	350	1000			

Overhead Stirrer - Support Stand

Technical Specifications

Ref. No	Model	Diameter of support (mm)	Height (mm)	Loading capacity (kg)	Dimensions (WxD) (mm)
IK07 AP01	R 103 Plate stand	10	360	1	-
IK07 AP02	R 1825 Plate stand	16	560	5	200x316
IK07 AP03	R 1826 Plate stand	16	800	5	200x316
IK07 AP04	R 1827 Plate stand	16	1000	5	200x316
IK07 AP05	R 2722 H-stand	34	1010	10	-

Overhead Stirrer - Boss Head

Model : H44 Boss Head

Clamping range – stand m m 10-11
 Clamping range – extension arm m m 11
 Material 1.4301
 Ref. No : IK07 AH01
 Model : H44 Boss Head


Model : R182 Boss Head

Clamping range – stand m m 6-16
 Clamping range – extension arm m m 6-16
 Material Cast aluminum
 Ref. No : IK07 AH02
 Model : R182 Boss Head



As for R 260, but with a new design

Model : R270 Boss Head

Clamping range – stand m m 25-36
 Clamping range – extension arm m m 5-21
 Material Cast aluminum
 Ref. No : IK07 AH03
 Model : H270 Boss Head



Features as for R 261, but with a new design

Model : R271 Boss Head

Clamping range – stand m m 34
 Clamping range – extension arm m m 16
 Material Cast aluminum
 Ref. No : IK07 AH04
 Model : H271 Boss Head

Homogeniser
Homogeniser


Homogeniser

Features

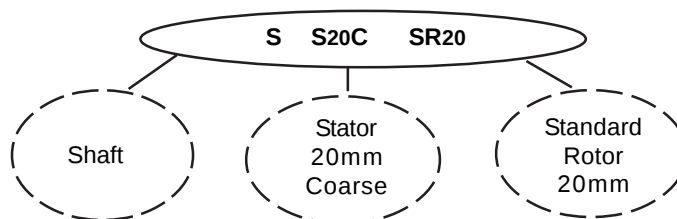
- Continuously adjustable speeds for better results (speed range=10,000-29,000 rpm)
- Light-weighted and small-dimensioned for better handling (weight = 1.3kg)
- Triple safety of the drive (overload protection, smooth start-against jerky work, safety switch)
- High quality dispersing tools as standard for better resistance to corrosion (SS 316 L steel)
- Viscosities up to 10,000 cps

Industries

BT - Bio Technology
 F - Food
 P - Pharma
 C - Cosmetic
 M - Medicine
 PC - Petro Chemistry
 PT - Paper & Tissue Industry
 SP - Sewage / Pollution Control
 CI - Ceramic Industry
 CH - Chemical Industry
 PI - Paint Industry
 TI - Tobacco Industry

Applications

- Emulsions, intensive mixing of w/o and o/w emulsions
- Suspensions, intensive mixing
- Coarse crushing of hard solids in liquid
- High speed mixing without crushing
- Fragmentation of vegetable, animal and human tissues
- Dispersing of resins and pigments for paint and lacquer industry



Technical Specifications

Summary of options	Ref. No	Model
Drive: D	WH07 J001	171010000
Shaft, Axle,		
PTFE bearing: S	WH07 J002	171011000
Stators:		
20 coarse (C) S20C	WH07 J003	171042010
20 fine (F) S20F	WH07 J004	171042020
30 coarse (C) S30C	WH07 J005	171043010
30 fine (F) S30F	WH07 J006	171043020
40 coarse (C) S40C	WH07 J007	171044010

Rotors:	Ref. No	Model
Standard Rotor 20	SR20	WH07 J008
Standard Rotor 30	SR30	WH07 J009
Cutter Rotor 20	CR20	WH07 J010
Cutter Rotor 30	CR30	WH07 J011
Mixing Rotor 20	MR20	WH07 J012
Mixing Rotor 30	MR30	WH07 J013
Emulsifying Rotor 20	ER20	WH07 J014
Emulsifying Rotor 30	ER30	WH07 J015

Order possibilities



Standard shaft 1:

Including drive, shaft, axle, PTFE bearing, stator 20mm coarse (S20C) and standard rotor (SR20)
 Description: SS20CSR20
 Optional: cutter rotor (CR20), mixing rotor (MR20)

Ref. No : WH07 AP16
Model : 171020100



Standard shaft 2:

Including drive, shaft, axle, PTFE bearing, stator 20mm fine (S20F) and emulsifying rotor (ER20)
 Description: SS20FER20
 Optional: cutter rotor (CR20), mixing rotor (MR20)

Ref. No : WH07 AP17
Model : 171020200



Standard shaft 3:

Including drive, shaft, axle, PTFE bearing, stator 30mm coarse (S30C) and standard rotor (SR30)
 Description: SS30CSR30
 Optional: cutter rotor (CR30), mixing rotor (MR20), mixing rotor (MR30)

Ref. No : WH07 AP20
Model : 171020300



Standard shaft 4:

Including drive, shaft, axle, PTFE bearing, stator 20mm fine (S30F) and emulsifying rotor (ER30)
 Description: SS30FER30
 Optional: cutter rotor (CR30), mixing rotor (MR30)

Ref. No : WH07 AP19
Model : 171020400



Stirring shaft:

Including drive, shaft, axle, PTFE bearing, stator 40mm coarse (S40C) and mixing-rotor (MR30)
 Description: SS40CMR30

Ref. No : WH07 AP18
Model : 171020500

With the aid of the stirring shaft SS40CMR30, the WigenHauser Drive D is quickly converted into a high speed stirrer. Five hundred watts are provided for rapid mixing, for dissolving, for disagglomerating pigment agglomerates for volume of up to 40,000ml

Accessories

H-600 Heavy-duty H-stand : Made of aluminum

Ref. No : WH07 AP01

Model : 172011000

Plate-stand : With single rod and with three different rod lengths of 600, 800 & 1000mm

	Ref. No	Model
PT-600	WH07 AJ02	172012000
PT-800	WH07 AJ03	172013000
PT-1000	WH07 AJ04	172014000

BH-16 Bosshead : For fixing of the drive onto the Plate-stand

Ref. No : WH07 AH01

Model : 172016000

FC-11 Fixing Clamp : For fixing and securing of vessel and synchronized rotation of vessel during dispersing.

Ref. No : WH07 AC02

Model : 172018000

Pipettes

Digital Pipettes/Micropipettes



Technical Specifications

Ref. No.	Model	Volume	Division	No. of channel	Accuracy (Rel.err.%)		Precision (CV%)	
					Min.vol.	Max.vol.	Min.vol.	Max.vol.
Micropipettes Calibra 822								
SR07 K001	822.0002	0.2-2ì l	0.1ì l		<±6.0%(at 0.5ì l)	<±2.0%	<5.0%(at 0.5ì l)	<1.5%
SR07 K002	822.0010	1-10ì l	0.05ì l		<±2.0%	<±1.0%	<2.0%	<0.5%
SR07 K003	822.0020	2-20ì l	0.1ì l		<±2.0%	<±1.0%	<1.7%	<0.5%
SR07 K004	822.0100	10-100ì l	0.5ì l		<±1.0%	<±0.8%	<1.0%	<0.2%
SR07 K005	822.0200	20-200ì l	1ì l		<±1.0%	<±0.8%	<0.6%	<0.2%
SR07 K006	822.1000	100-1000ì l	5ì l		<±0.7%	<±0.5%	<0.5%	<0.2%
Micropipettes Calibra 832								
SR07 K007	832.02	0.2-2ml	0.01ml		<±0.8%	<±0.5%	<0.5%	<0.2%
SR07 K008	832.10	1-10ml	0.1ml		<±0.8%	<±0.5%	<0.3%	<0.15%
Micropipettes Calibra 852								
SR07 K009	852.08.100	10-100ì l	0.5ì l	8	<±1.0%	<±0.7%	<1.0%	<0.4%
SR07 K010	852.08.200	20-200ì l	1ì l	8	<±0.9%	<±0.7%	<0.6%	<0.3%
SR07 K011	852.12.100	10-100ì l	0.5ì l	12	<±1.0%	<±0.7%	<1.0%	<0.4%
SR07 K012	852.12.200	20-200ì l	1ì l	12	<±0.9%	<±0.7%	<0.6%	<0.3%

Automatic Temperature Compensation Refractometers



Technical Specifications

Ref. No	Model	Scale Range (Brix)
AG07 L001	ATC-1E	0.0 to 32.0%
AG07 L002	ATC-2E	28.0 to 62.0%
AG07 L003	ATC-20E	0.0 to 20.0%

Standard Hand Held Refractometers



Technical Specifications

Ref. No	Model	Scale Range (Brix)
AG07 L004	N-1 ∞	0.0 to 32.0%
AG07 L005	N-2E	28.0 to 62.0%
AG07 L006	N-3E	58.0 to 90.0%
AG07 L007	N-4E	45.0 to 82.0%
AG07 L008	N-10E	0.0 to 10.0%
AG07 L009	N-20E	0.0 to 20.0%
AG07 L010	N-50E	0.0 to 50.0%

Heat Resistance Hand-Held Refractometer



Technical Specifications

Ref. No	Model	Scale Range (Brix)
AG07 L011	H-93	53.0 to 93.0%
AG07 L012	H-50	0.0 to 50.0%
AG07 L013	H-80	30.0 to 80.0%

Hand-Held Refractometer with Refractive Index Scale



Technical Specifications

Ref. No	Model	Scale Range (Brix)
AG07 L014	N-3000E	nD 1.435 to 1.520
AG07 L015	R5000	3-stage switching nD1.333 to 1.520

Salinity Refractometer



Technical Specifications

Ref. No	Model	Scale Range
AG07 L016	S-10E	0.0 to 10.0% NaCl
AG07 L017	S-28E	0.0 to 28.0% NaCl
AG07 L018	SImlIE	Salinity 0 to 100% Specific Gravity 1.000 to 1.070

Digital Refractometer



The palette refractometer measures sugar concentration in seconds. These compact refractometer display readings on a three digit LCD, eliminating measurement variations due to human error.

Technical Specifications

Ref. No	Model	Scale Range (Brix)
AG07 L019	PR-32	Brix 0.0-32.0%
AG07 L020	Palette 101	Brix 0.0-45.0%
AG07 L021	Palette 201	Brix 0.0-60.0%
AG07 L022	Palette 301	Brix 45.0-90.0%
AG07 L023	PR-100SA	Salinity 0-100%
AG07 L024	UG-1	Urine Specific Gravity : 1.00 to 1.050

Water Still



Features

- Horizontal thick wall heat resistant Duran glass boiler fitted with 3 KW chromium plated heater.
- High efficiency coil condenser ensures low temperature, high output quality distillate of conductivity 3 to 4 s/cm.
- Compact construction suitable for bench and wall mounting.
- Screwthread connectors enable easy fitting or removal of hose safely.
- Built-in constant level device with Schott Vendura-Nova valve for drainage provides easy descaling without dismantling.
- Safety thermostat built into the heater protects the Favorit water still in the event of water supply failure and automatically resets when the water supply is restored.

Technical Specifications

Distillate output

: 4 liters per hour single distilled.

Power supply requirement

: 220/240V, 50/60 Hz single phase.

Ref. No : DU07 M001

Model : Water Still